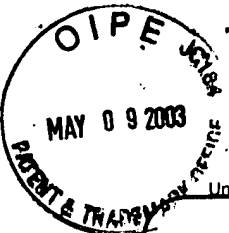


2819



PTO/SB/21 (05-03)  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/084,803
	Filing Date	02/28/2002
	First Named Inventor	Charles Douglas Murphy
	Art Unit	2819
	Examiner Name	Jean Bruner Jeangleule
Total Number of Pages in This Submission	Attorney Docket Number	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks <div style="float: right; text-align: right;">           RECEIVED            MAY 13 2003            TECHNOLOGY CENTER #800         </div>		
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5-21-03

Application Number: 10/084,803  
Filing Date: 02/28/2002  
Applicant: Charles Douglas Murphy  
Title: SHARED PARALLÉL DIGITAL-TO-ANALOG CONVERSION  
Examiner/GAU: Jean Bruner Jeanglaude

May 2, 2003

AMENDMENT A

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed April 21, 2003, please amend the above application as follows:

**Specification:**

p. 27 - Replace the Abstract with the following paragraph:

A digital-to-analog converter in which a counter tracks the elapsed time since the beginning of a conversion cycle. Simultaneously, a reference analog signal such as a voltage ramp is generated. When the count reaches a stored digital number value, a sample-and-hold circuit acquires the value of the reference analog signal. Multiple stored digital number values can be converted using multiple sample-and-hold circuits which share the counter and the reference analog signal. Such parallel digital-to-analog conversion is useful in many applications such as digital communications, image display, and shared parallel analog-to-digital conversion.

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